

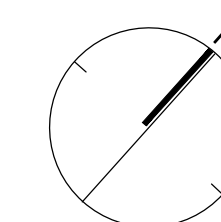


RICHCRAFT KANATA WEST BLOCK 1



LIST OF DRAWINGS:

- L1.0 - LANDSCAPE PLAN
- L1.1 - TREE CANOPY CALCULATIONS AND SOIL VOLUMES
- L2.0 - DETAILS
- L2.1 - DETAILS
- L2.2 - DETAILS

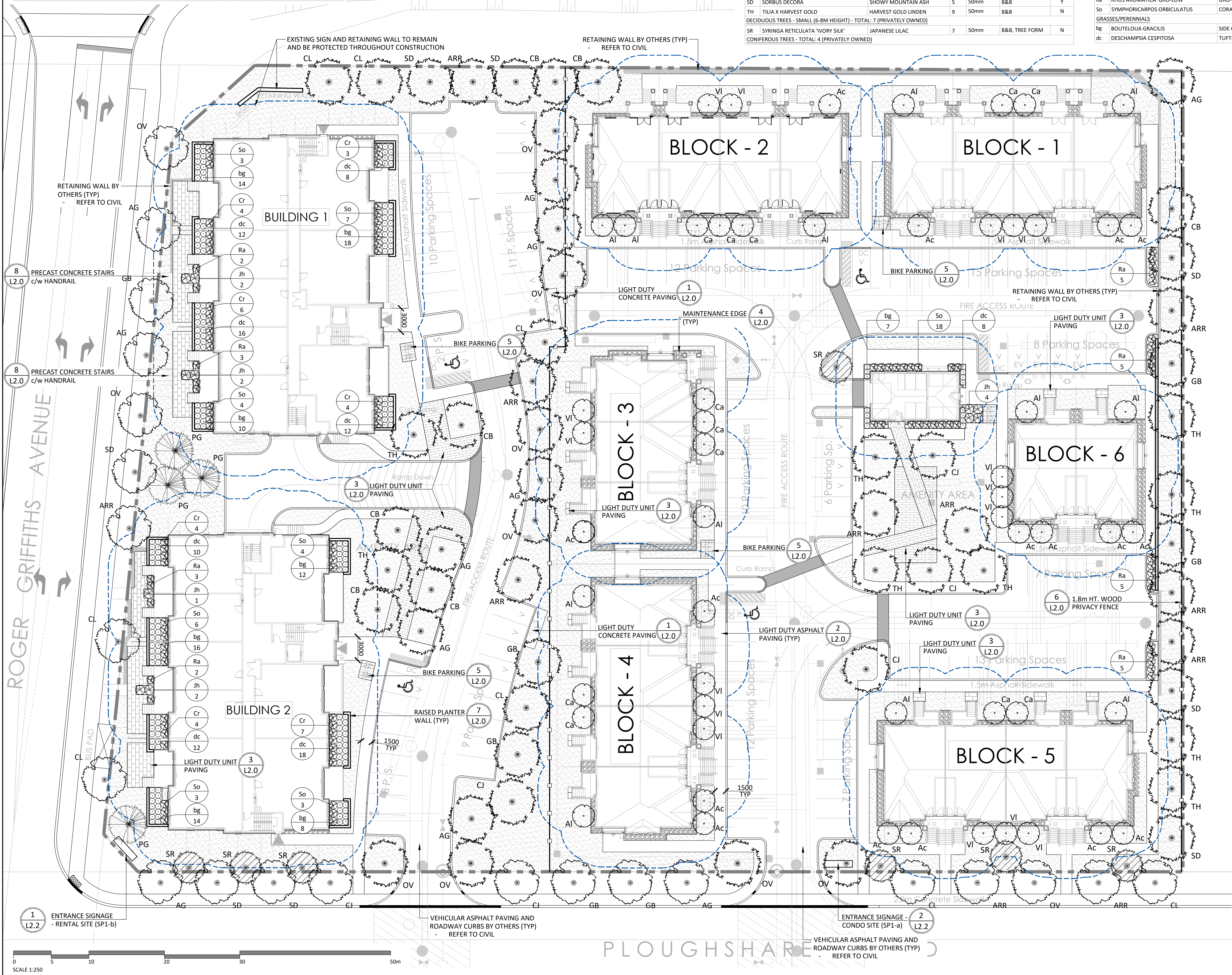


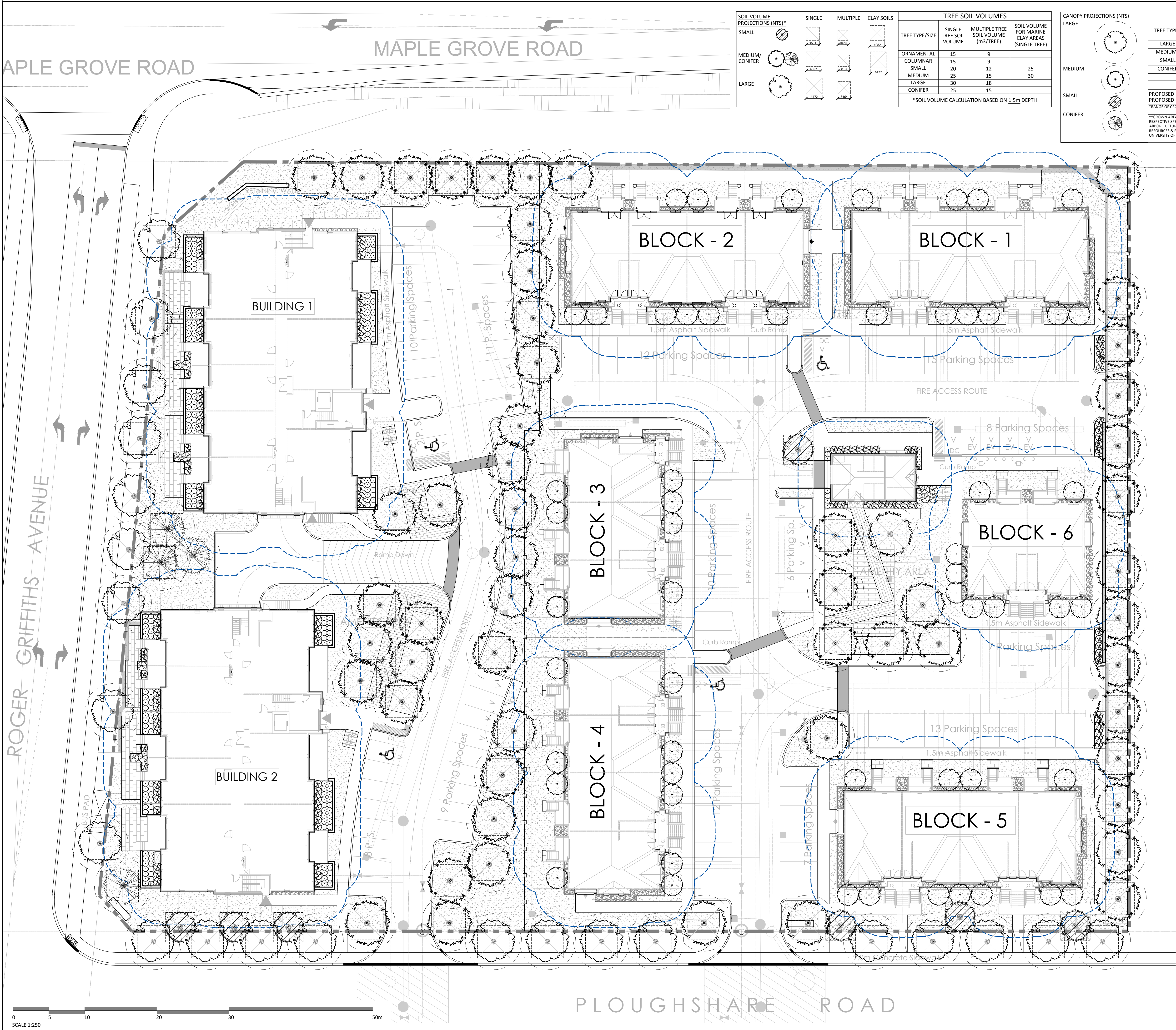
KEYMAP
1:500

PLANT LIST - STREET TREES (ROW)						
KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
DECIDUOUS TREES - MEDIUM (8-14M HEIGHT) - TOTAL: 22 (CITY OWNED)						
AG	AESCULUS GLABRA	OHIO BUCKEY	4	50mm	B&B	Y
ARR	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	3	50mm	B&B	N
CL	CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	2	50mm	B&B	N
CI	CLADRASTIS LUTEA	YELLOWWOOD	4	50mm	B&B	Y
GB	GINGKO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINGKO	3	50mm	B&B	N
OV	OSTRYA VIRGINIANA	IRONWOOD	3	50mm	B&B	Y
SD	SORBUS DECORA	SHOWY MOUNTAIN ASH	3	50mm	B&B	Y

PLANT LIST - SITE PLAN						
KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
DECIDUOUS TREES - MEDIUM (8-14M HEIGHT) - TOTAL: 56 (PRIVATELY OWNED)						
AG	AESCULUS GLABRA	OHIO BUCKEY	7	50mm	B&B	Y
ARR	ACER RUBRUM 'REDPOINTE'	REDPOINTE RED MAPLE	8	50mm	B&B	N
CB	CARPINUS BETULUS 'EMERALD AVENUE'	EMERALD AVENUE HORNBEAM	7	50mm	B&B	N
CI	CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	4	50mm	B&B	N
CL	CLADRASTIS LUTEA	YELLOWWOOD	4	50mm	B&B	Y
GB	GINGKO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINGKO	4	50mm	B&B	N
OV	OSTRYA VIRGINIANA	IRONWOOD	8	50mm	B&B	Y
SD	SORBUS DECORA	SHOWY MOUNTAIN ASH	5	50mm	B&B	Y
TH	TILIA X HARVEST GOLD	HARVEST GOLD LINDEN	9	50mm	B&B	N
DECIDUOUS TREES - SMALL (6-8M HEIGHT) - TOTAL: 7 (PRIVATELY OWNED)						
SR	SYRINGA RETICULATA 'IVORY SILK'	JAPANESE LILAC	7	50mm	B&B, TREE FORM	N
CONIFEROUS TREES - TOTAL: 4 (PRIVATELY OWNED)						

PLANT LIST - SITE PLAN						
KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE	REMARKS	NATIVE
MULTISTEM SHRUBS - TOTAL: XX (PRIVATELY OWNED)						
Ac	AMELANCHIER CANADENSIS	SERVICEBERRY	16	125cm HT	PT, CLUMP	Y
Al	AMELANCHIER LAEVIS	ALLEGHENY SERVICEBERRY	12	125cm HT	PT, CLUMP	Y
Ca	CORNUS ALTERNIFOLIA	PAGODA DOGWOOD	12	125cm HT	PT, CLUMP	Y
VI	VIBURNUM LENTAGO	NANNYBERRY	16	125cm HT	PT, CLUMP	Y
CONIFEROUS SHRUBS						
Jh	JUNIPERUS HORIZONTALIS	CREEPING JUNIPER	11	3 GAL	POTTED	
DECIDUOUS SHRUBS						
Cr	CORNUS RACEMOSA	GRAY DOGWOOD	32	3 GAL	POTTED	
Ra	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	30	3 GAL	POTTED	
So	SYMPHORICARPOS ORBICULATUS	CORALBERRY	48	2 GAL	POTTED	
GRASSES/PERENNIALS						
bg	BOUTELOUA GRACILIS	SIDE OATS GRAMA	99	1 GAL	POTTED	
dc	DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	96	1 GAL	POTTED	





SOIL VOLUME PROJECTIONS (NTS)*	SINGLE		MULTIPLE		CLAY SOILS
	SMALL	MEDIUM/CONIFER	SMALL	MEDIUM/CONIFER	
SMALL					
MEDIUM/CONIFER					
LARGE					

TREE TYPE/SIZE	TREE SOIL VOLUME		SOIL VOLUME FOR MARINE CLAY AREAS (SINGLE TREE)
	SINGLE	MULTIPLE TREE	
ORNAMENTAL	15	9	
COLUMNAR	15	9	
SMALL	20	12	25
MEDIUM	25	15	30
LARGE	30	18	
CONIFER	25	15	

*SOIL VOLUME CALCULATION BASED ON 1.5m DEPTH

PROPOSED TREE CANOPY PROJECTIONS			
TREE TYPE/SIZE	CROWN AREA PER TREE STANDARD RANGE (m²)	CROWN AREA PER TREE USED FOR CALC. (m²)	SITE CANOPY COVER
LARGE (0)	135-250*	192	
MEDIUM (56)	35-135*	85	
SMALL (7)	5-35*	20	
CONIFER (4)	45-96*	70	CANOPY (W. OVERLAP): 2,378m²

PROPOSED STREET TREE CANOPY	
PROPOSED STREET TREE CANOPY, m² CALCULATION BASED ON PROPOSED SPECIES ESTIMATED CROWN AREA AT MATURITY	CANOPY (W. OVERLAP): 304m²
*RANGE OF CROWN AREAS IS IN ACCORDANCE WITH PROPOSED TREE SPECIES	SITE: 14,672m²
TOTAL PERCENT COVER: 18.28%	

*CROWN AREAS ARE ACCORDING TO THE AVERAGE MATURE CANOPY SIZE OF THE RESPECTIVE SPECIES. CANOPY SIZING HAS BEEN DETERMINED IN REFERENCE TO VARIOUS ARBORICULTURAL AND BOTANICAL SOURCES, SUCH AS: ONTARIO MINISTRY OF NATURAL RESOURCES & FORESTRY (DANNIS); US FOREST SERVICE, PARAS, J.L. TREES IN CANADA, UNIVERSITY OF GUELPH ARBORETUM, VARIOUS PUBLICATIONS

CANOPY PROJECTIONS (NTS)	
LARGE	
MEDIUM	
SMALL	
CONIFER	

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LEGEND	
	PROPERTY LINE
	GEOTECHNICAL FOUNDATION SETBACK (4.5m)

FENCING	
	PRIVACY FENCE

PLANTING	
	MEDIUM DECIDUOUS STREET TREE
	MEDIUM DECIDUOUS TREE
	SMALL DECIDUOUS TREE
	CONIFEROUS TREE
	TREE FORM SHRUB
	DECIDUOUS/CONIFEROUS SHRUB
	GRASSES/PERENNIALS
	SODDING

PAVING	
	LIGHT DUTY ASPHALT WALKWAYS
	LIGHT DUTY CONCRETE PAVING
	PRECAST UNIT PAVING
	RIVERSTONE PAVING
	PRECAST EDGER

DETAIL KEY	
	DETAIL NO.
	SHEET NO.

PLANTING KEY	
	SHRUB/PERENNIAL SPECIES
	QUANTITY

4	Issued for First Submission	Jul 02/25
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2	Issued for Client Review	Jun 19/25
1	Issued for Client Review	Jun 13/25
No.	Description	Date

Revision	
City Approval Stamp	OWNERSHIP RICH CRAFT 2285 St. Laurent Blvd, Suite 201 Ottawa, ON K1G 4K1 ARCHITECT M. DAVID BLAKEY ARCHITECT INC. 2200 Prince of Wales Dr. - Suite 101 Ottawa, Ontario K2E 6Z9 CIVIL STANTEC CONSULTING LTD. 400-1333 Clyde Avenue, Ottawa ON LANDSCAPE ARCHITECT NAK DESIGN STRATEGIES 1285 Wellington St., Ottawa, ON K1Y 3A8

PROPERTY INFORMATION (LEGAL DESCRIPTION)	
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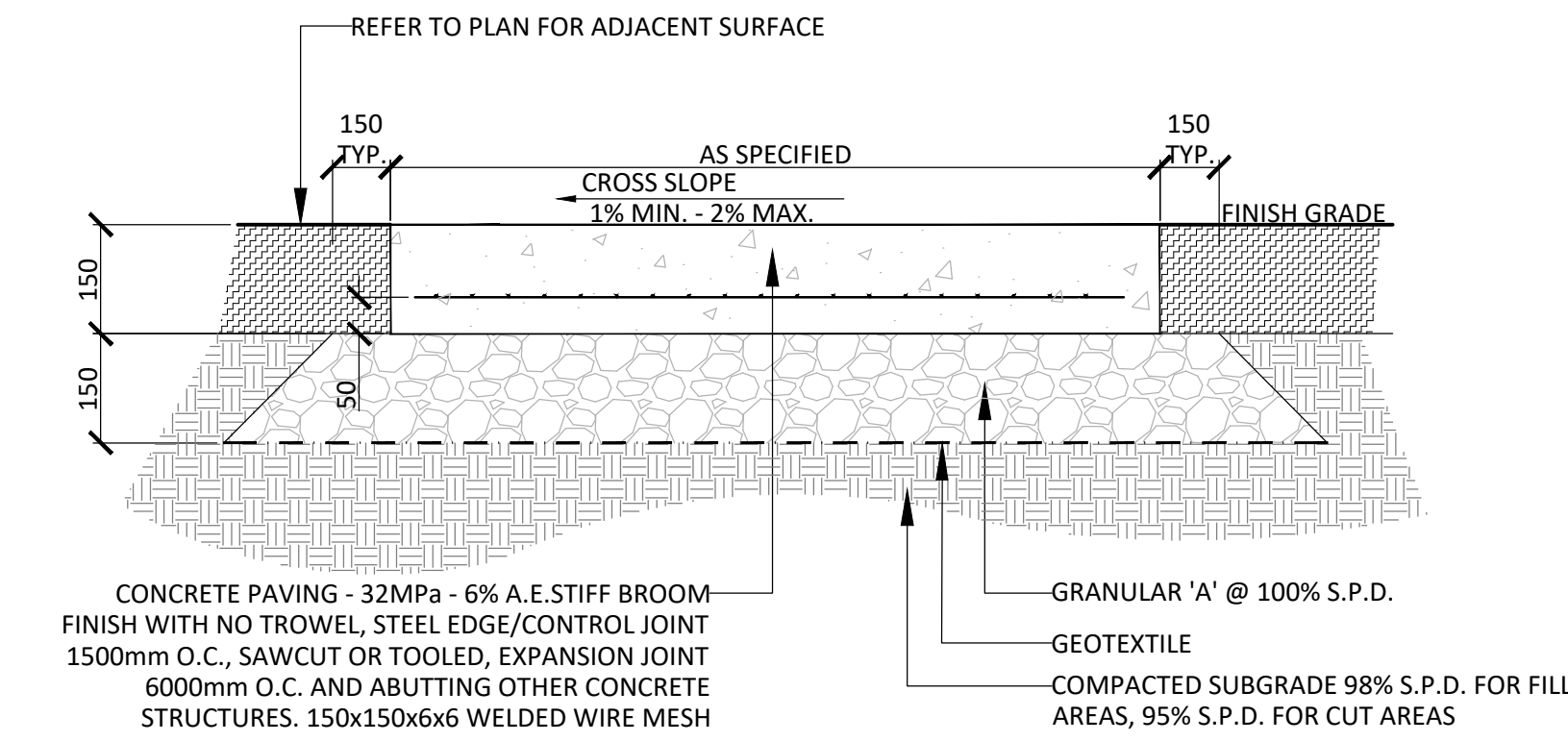
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T 613.237.2345 NAKDESIGNSTRATEGIES.COM
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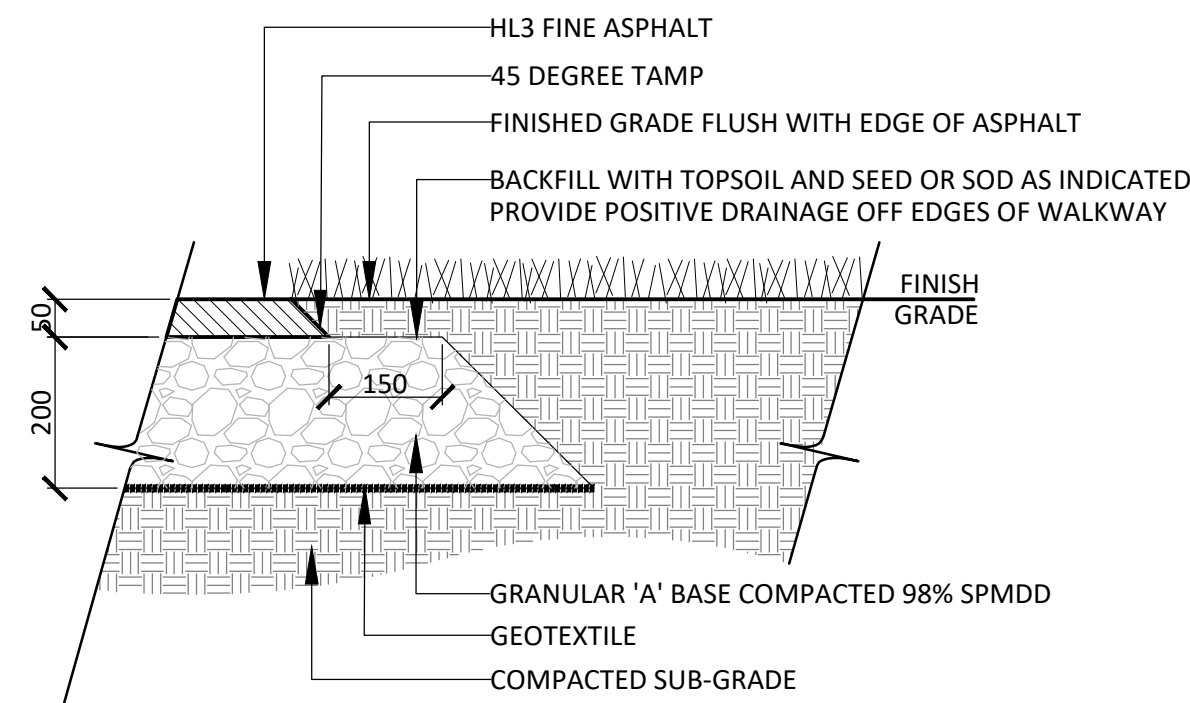
TREE CANOPY CALCULATIONS AND SOIL VOLUMES		
Title		
Date	2025-05-26	Sheet
Scale	1:250	
Drawn	SW	
Checked	MK	
Job No.	25-113	

- GENERAL NOTES:**
- ALL PLANT MATERIAL SHALL BE NURSERY GROWN STOCK UNLESS OTHERWISE NOTED.
 - TREES TO HAVE A MINIMUM 1800 CLEAR STEM ABOVE GRADE.
 - CONTRACTOR TO MAKE GOOD ALL EXISTING AREAS DAMAGED BY HIS WORK TO THE SATISFACTION OF THE CONTRACTOR.
 - ALL PLANT MATERIAL SHALL BE WARRANTED FOR TWO YEARS FROM THE DATE OF SUBSTANTIAL COMPLETION.
 - CONTRACTOR TO VERIFY LOCATION OF ALL SERVICES PRIOR TO ANY EXCAVATION.
 - ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AND ONLY AFTER APPROVAL OF THE LANDSCAPE ARCHITECT.
- TREE PLANTING IN MARINE CLAY SOILS**
- THE LANDSCAPE CONSIDERATIONS CONTAINED WITHIN SEC. 6.8 OF PATERSON GROUP'S GEOTECHNICAL INVESTIGATION, DATED APRIL 7, 2025.
- THIS LANDSCAPE PLAN CONFORMS WITH THE TREE-TO-FOUNDATION SETBACK, SOIL VOLUME, AND SURFACE-GRADING REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), BASED ON THE FINDINGS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT BY PATERSON GROUP (REPORT PG3062-2 DATED APRIL 7, 2025).
 - ADDITIONAL REQUIREMENTS OUTLINED IN THE CITY OF OTTAWA'S GUIDELINES FOR TREE PLANTING IN SENSITIVE MARINE CLAY SOILS (2017), INCLUDING USF DEPTH, FOUNDATION WALL REINFORCEMENT, AND SUBDIVISION GRADING, SHOULD BE CONFIRMED BY THE PROJECT ENGINEER(S).



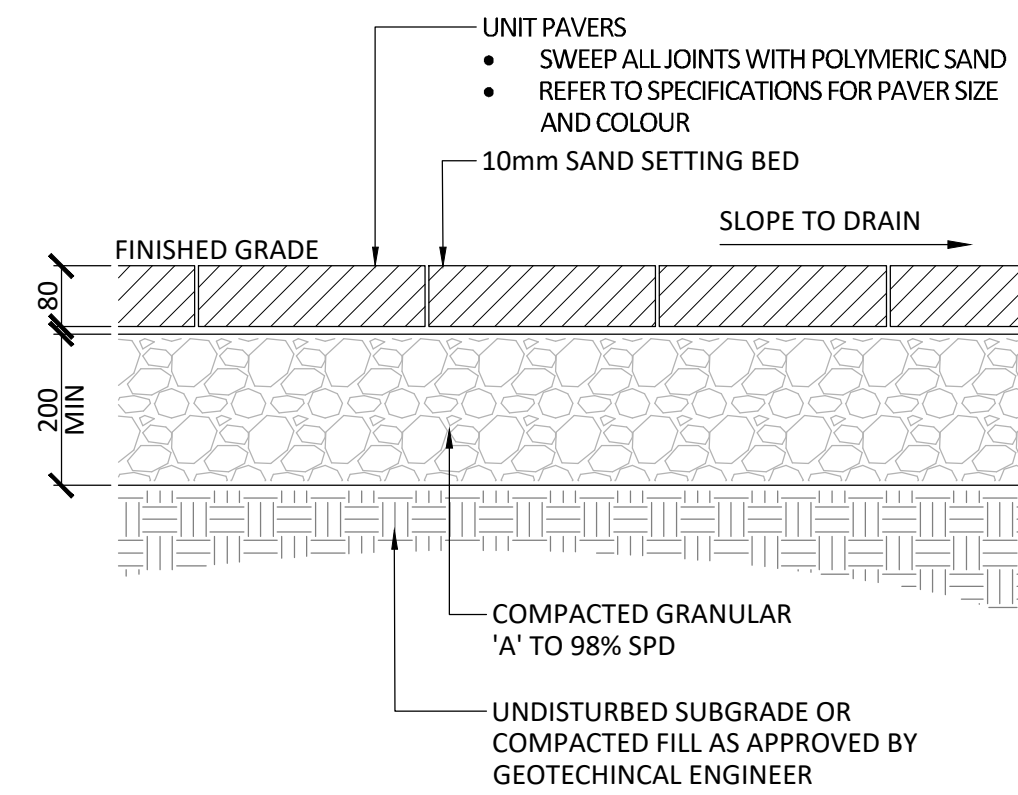
- NOTES:**
1. CONCRETE TO BE 32 MPa CLASS C-2 MEETING THE REQUIREMENTS OF S.P. F-3510 AND PLACED IN ACCORDANCE WITH S.P. F-9040. REFER TO SPECIFICATIONS.
 2. GRANULAR 'A' - 100% STANDARD PROCTOR DENSITY MIN., GRANULAR B, TYPE 2, SUB BASE GRANULARS TO OPSS
 3. APPROVED NON-WOVEN CLASS 1 GEOTEXTILE AS PER MS-22.15 WHEN WARRANTED BY SOIL CONDITION, SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
 5. CROSS SLOPE PATH 1-2% IN DIRECTION OF NATURAL DRAINAGE TO PROVIDE POSITIVE DRAINAGE OF ALL WALKS.
 6. ALL DISTURBED AREAS ALONG WALKWAYS SHALL BE SODDED OVER 150mm TOPSOIL FOR A MINIMUM DISTANCE OF 900mm.

1 LIGHT DUTY CONCRETE PAVING
1:10

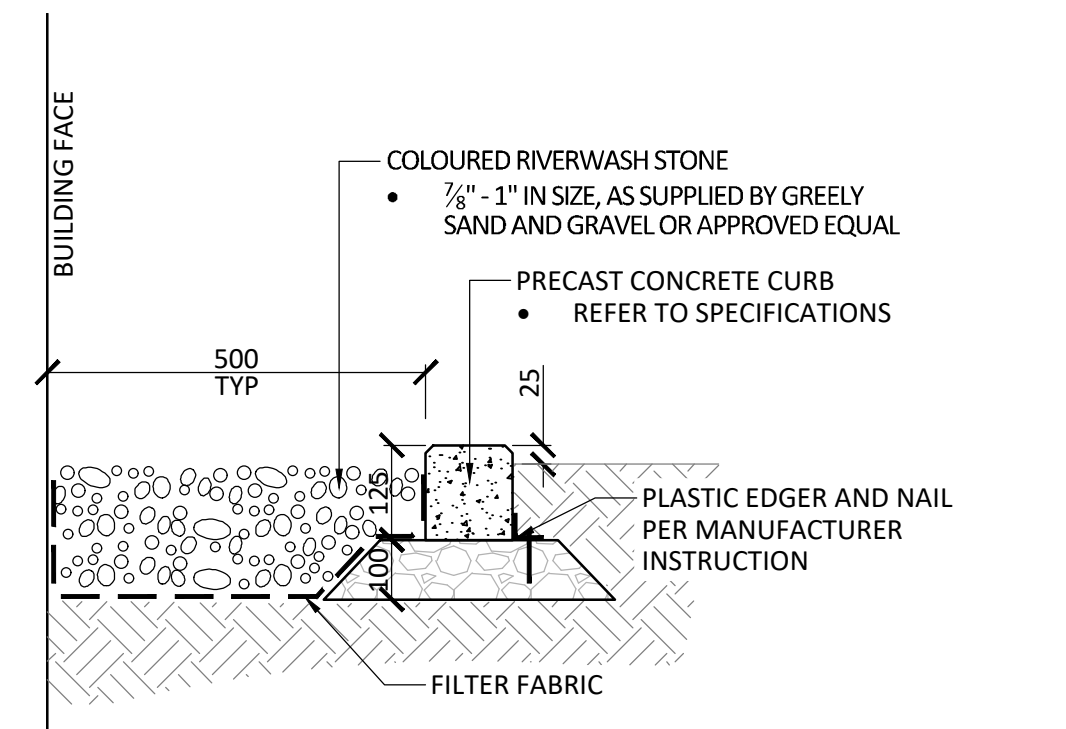


- NOTES:**
1. CROSS SLOPE PATH 1-2% IN DIRECTION OF NATURAL DRAINAGE TO PROVIDE POSITIVE DRAINAGE OF ALL WALKS.
 2. FILTER FABRIC SHALL BE APPROVED NON-WOVEN CLASS 1 GEOTEXTILE AS PER MS-22.15 WHEN WARRANTED BY SOIL CONDITION, SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT.
 3. ALL DISTURBED AREAS ALONG ASPHALT WALKWAYS SHALL BE SODDED OVER 150mm TOPSOIL FOR A MINIMUM DISTANCE OF 900mm.
 4. GRANULAR 'A' SHALL MEET THE REQUIREMENTS OF OPSS 1010.

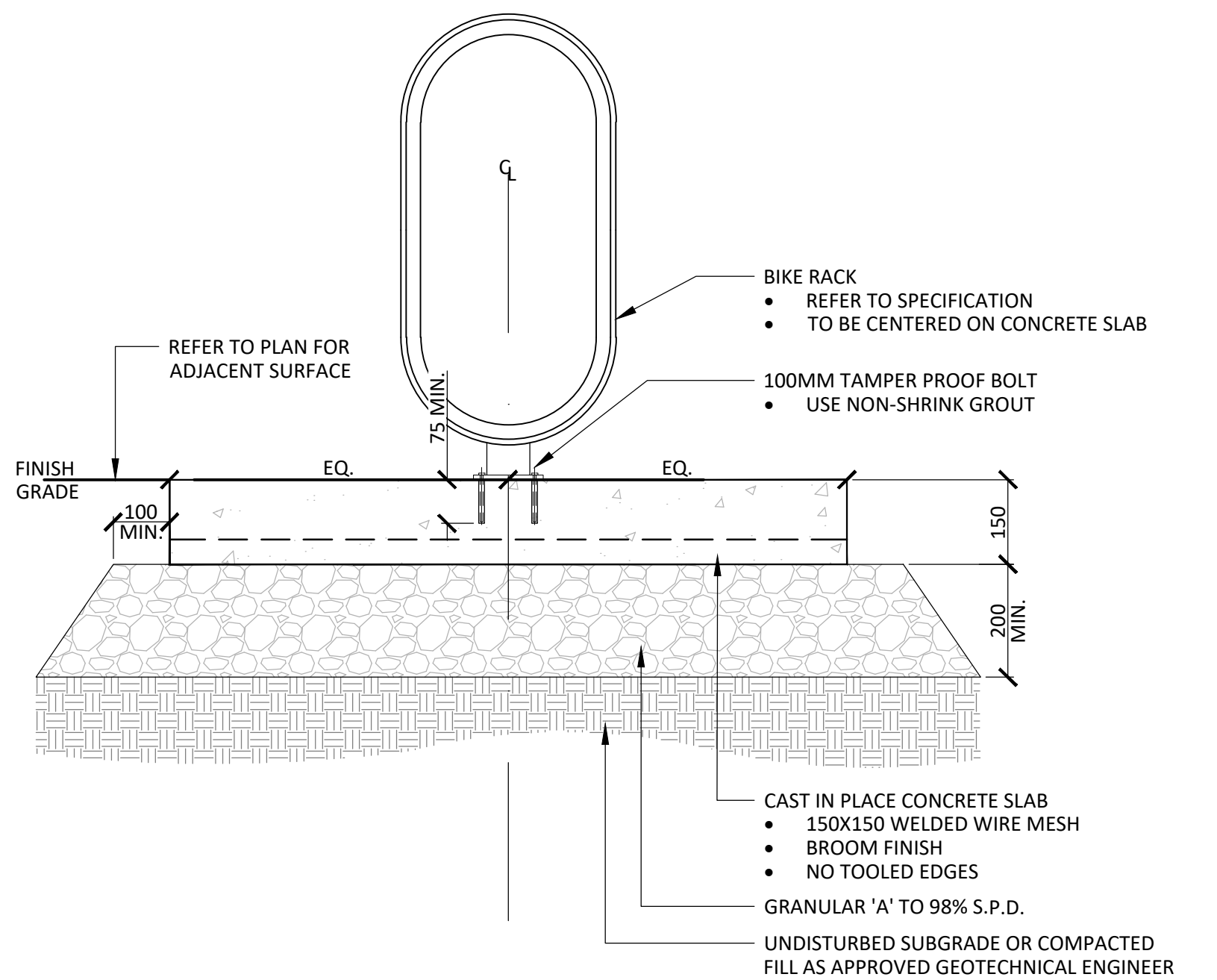
2 LIGHT DUTY ASPHALT PAVING
1:10



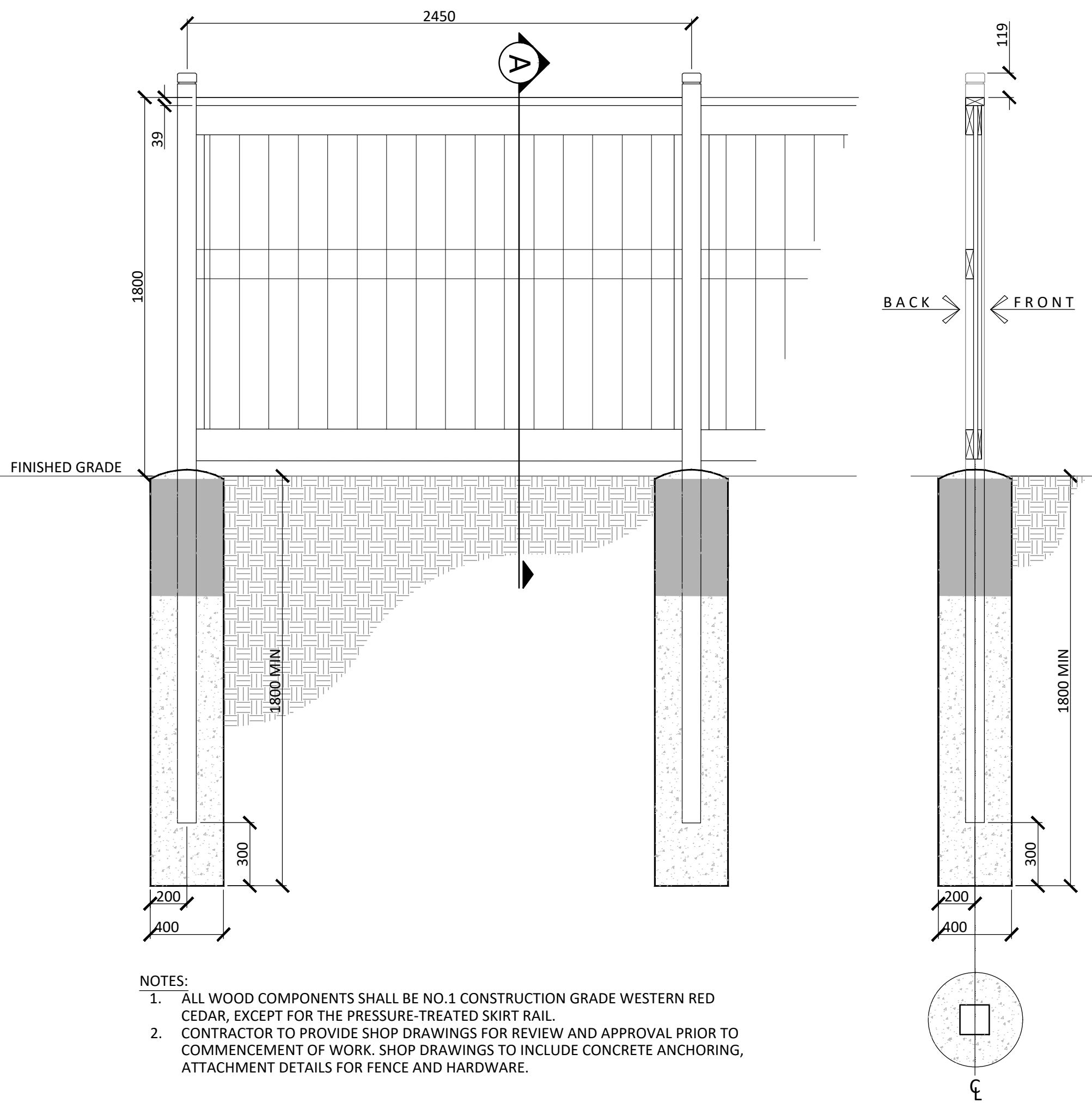
3 LIGHT DUTY UNIT PAVING
1:10



4 MAINTENANCE EDGE
1:10

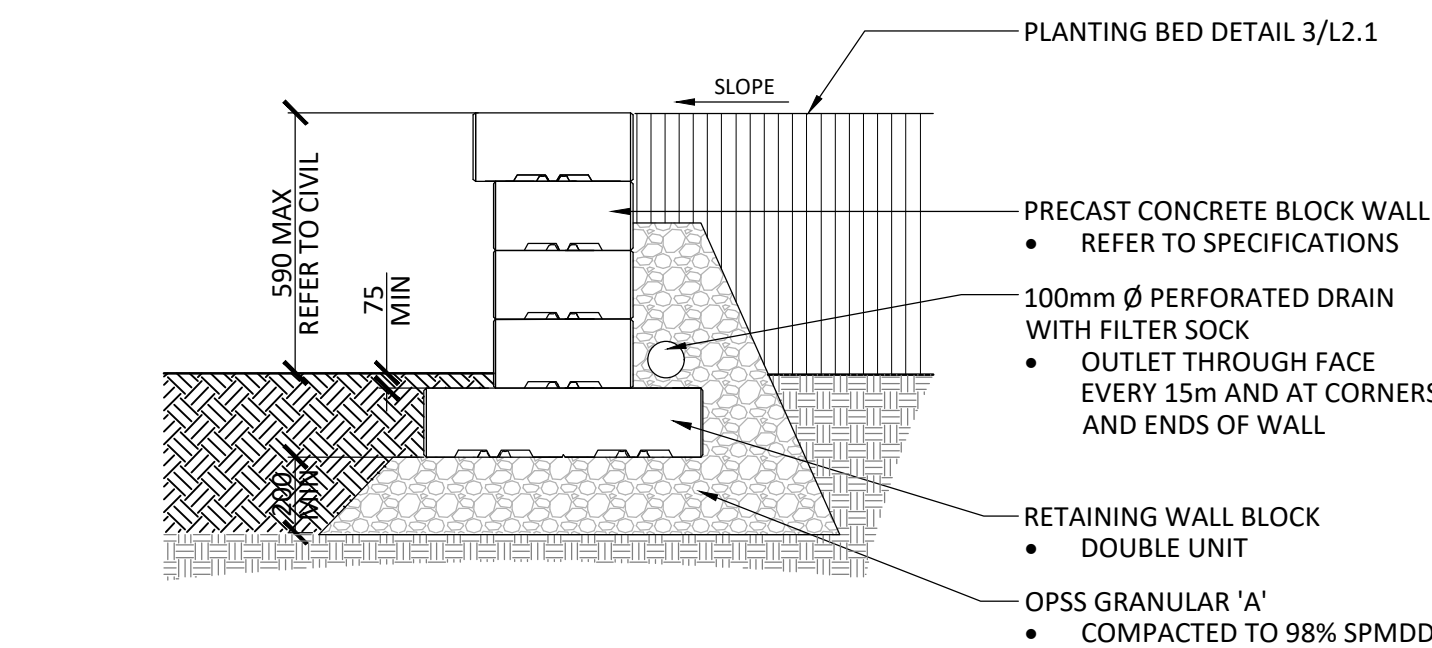


5 BIKE PARKING
1:10

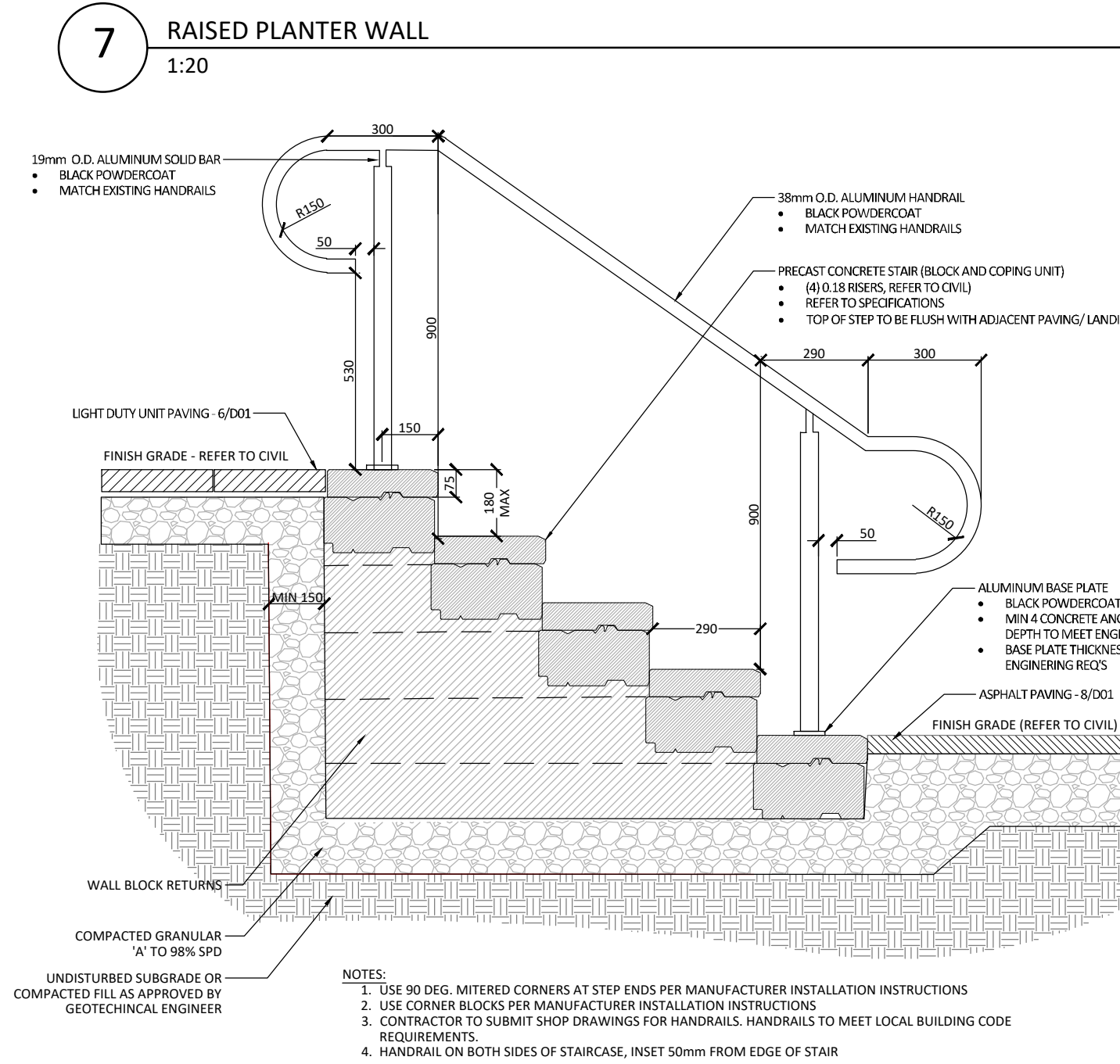


- NOTES:**
1. ALL WOOD COMPONENTS SHALL BE NO.1 CONSTRUCTION GRADE WESTERN RED CEDAR, EXCEPT FOR THE PRESSURE-TREATED SKIRT RAIL.
 2. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK. SHOP DRAWINGS TO INCLUDE CONCRETE ANCHORING, ATTACHMENT DETAILS FOR FENCE AND HARDWARE.

6 1.8m HT. WOOD PRIVACY FENCE
1:10



- NOTES:**
1. CONTRACTOR TO PROVIDE ENGINEER STAMPED SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION



- NOTES:**
1. USE 90 DEG. MITERED CORNERS AT STEP ENDS PER MANUFACTURER INSTALLATION INSTRUCTIONS
 2. USE CORNER BLOCKS PER MANUFACTURER INSTALLATION INSTRUCTIONS
 3. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR HANDRAILS, HANDRAILS TO MEET LOCAL BUILDING CODE REQUIREMENTS
 4. HANDRAIL ON BOTH SIDES OF STAIRCASE, INSET 50mm FROM EDGE OF STAIR

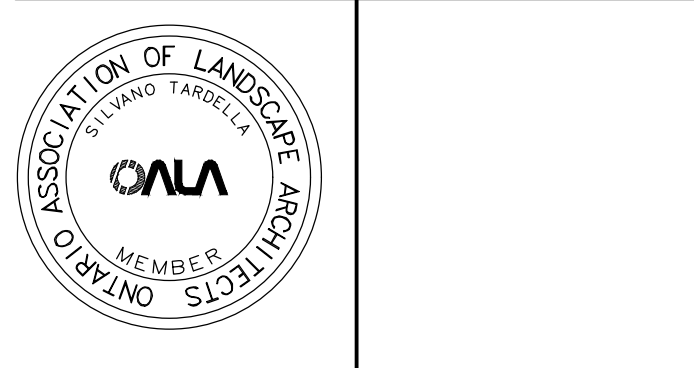
8 PRECAST STAIR
1:16

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No.	Description	Date
Revision		

Revision	
City Approval Stamp	
OWNERSHIP	RICH CRAFT 2385 St. Laurent Blvd, Suite 201 Ottawa, ON K1G 4K1
ARCHITECT	M. DAVID BLAKEY ARCHITECT INC. 2200 Prince of Wales Dr. - Suite 101 Ottawa, Ontario K2E 6Z9
CIVIL	STANTEC CONSULTING LTD. 400-1333 Clyde Avenue, Ottawa ON
LANDSCAPE ARCHITECT	NAK DESIGN STRATEGIES 1285 Wellington St., Ottawa, ON K1Y 3A8

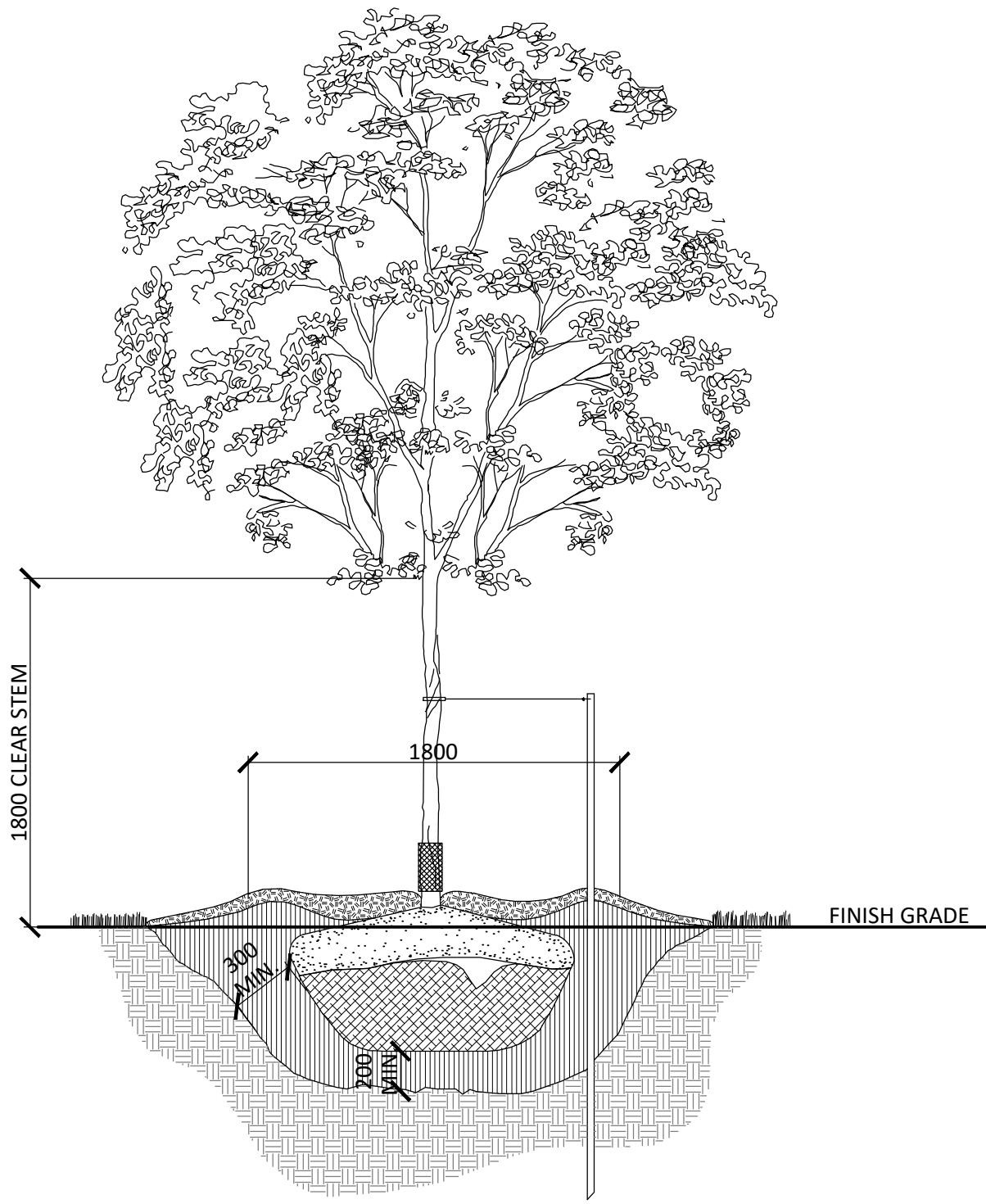
PROPERTY INFORMATION	
LEGAL DESCRIPTION	



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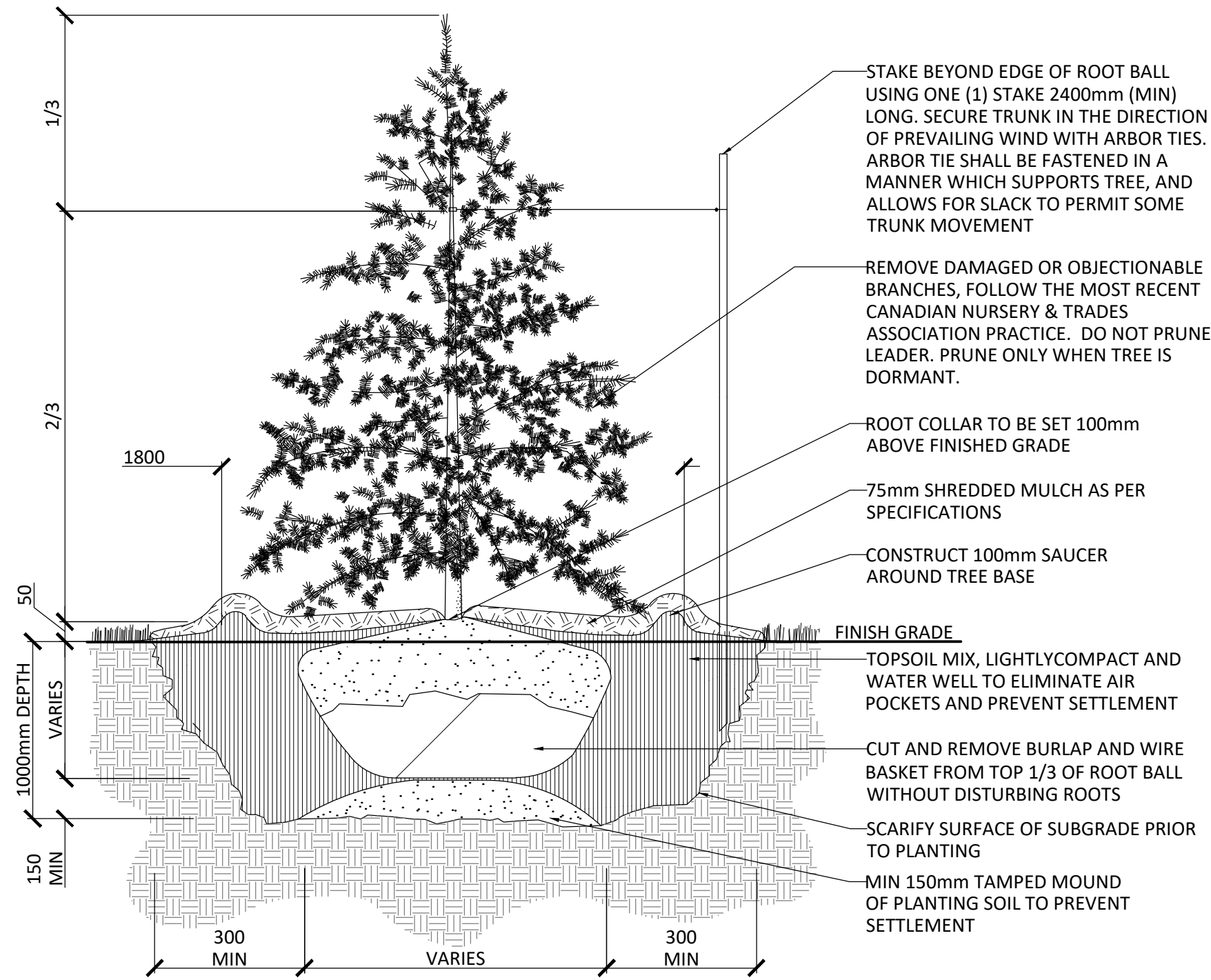
Kanata West Block 1
Ottawa, ON

Title	DETAILS
Date	2025-05-26
Scale	AS SHOWN
Drawn	SW
Checked	MK
Job No.	25-113
Sheet	L 2.0



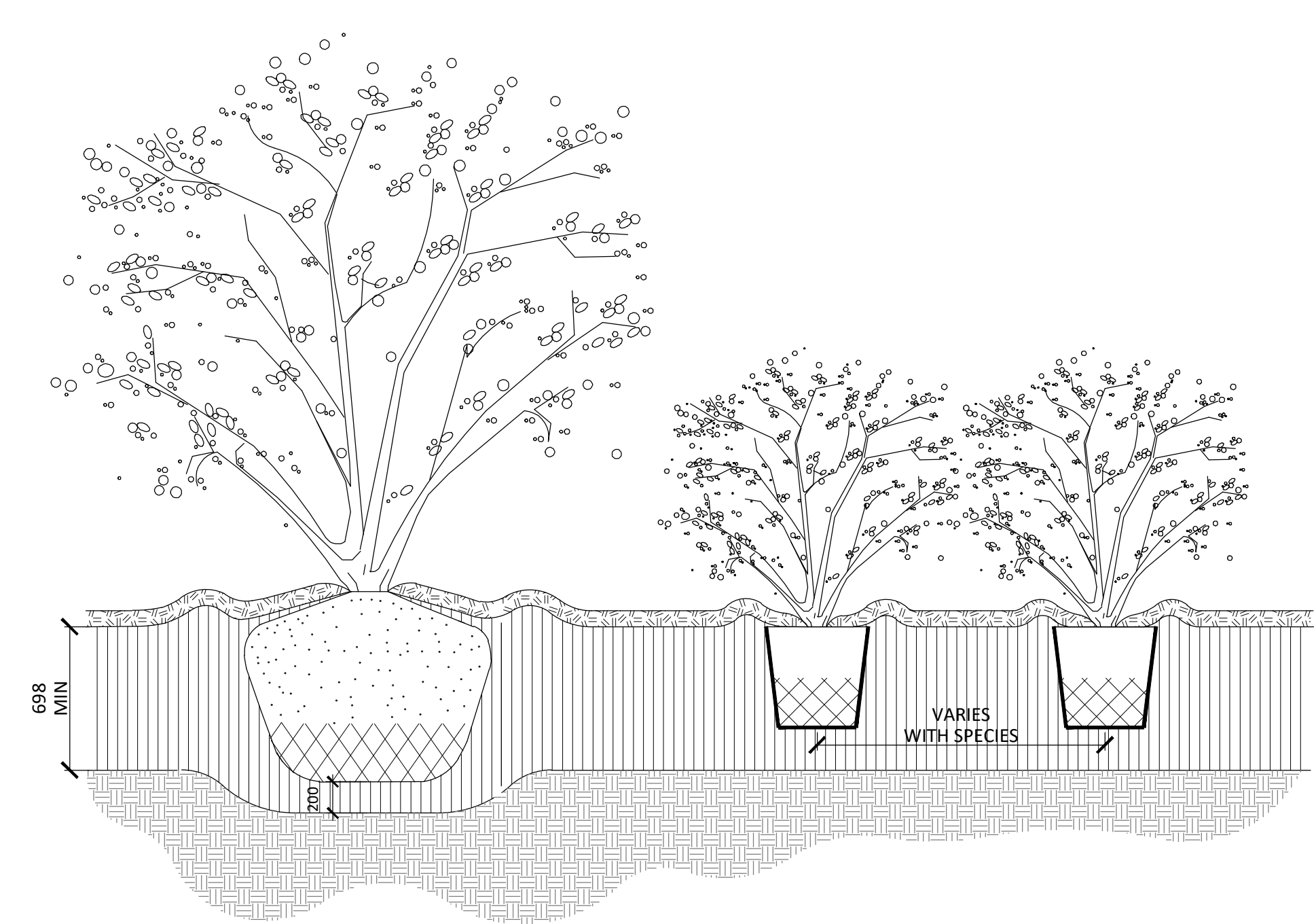
- NOTES:
1. REMOVE STAKE AFTER ONE YEAR OR UNTIL TAKEOVER, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.
 2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION
 3. REMOVE TREE WRAP AFTER PLANTING
 4. CALIPER TO BE MEASURED AT THE BASE OF TREE AT ROOT BALL.

1 DECIDUOUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30



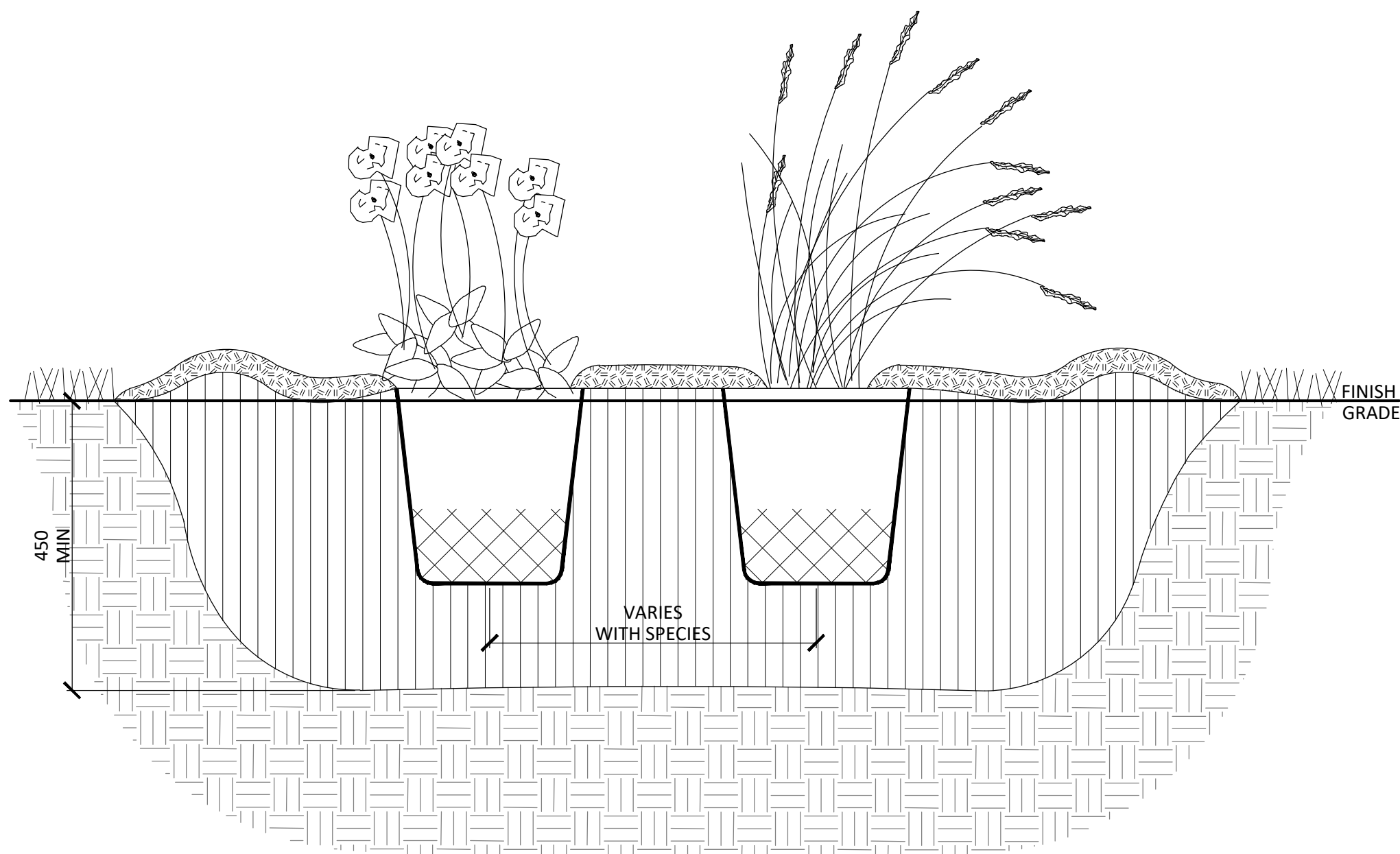
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 2. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION

2 CONIFEROUS TREE PLANTING (ONE STAKE W/ARBOR TIES)
1:30



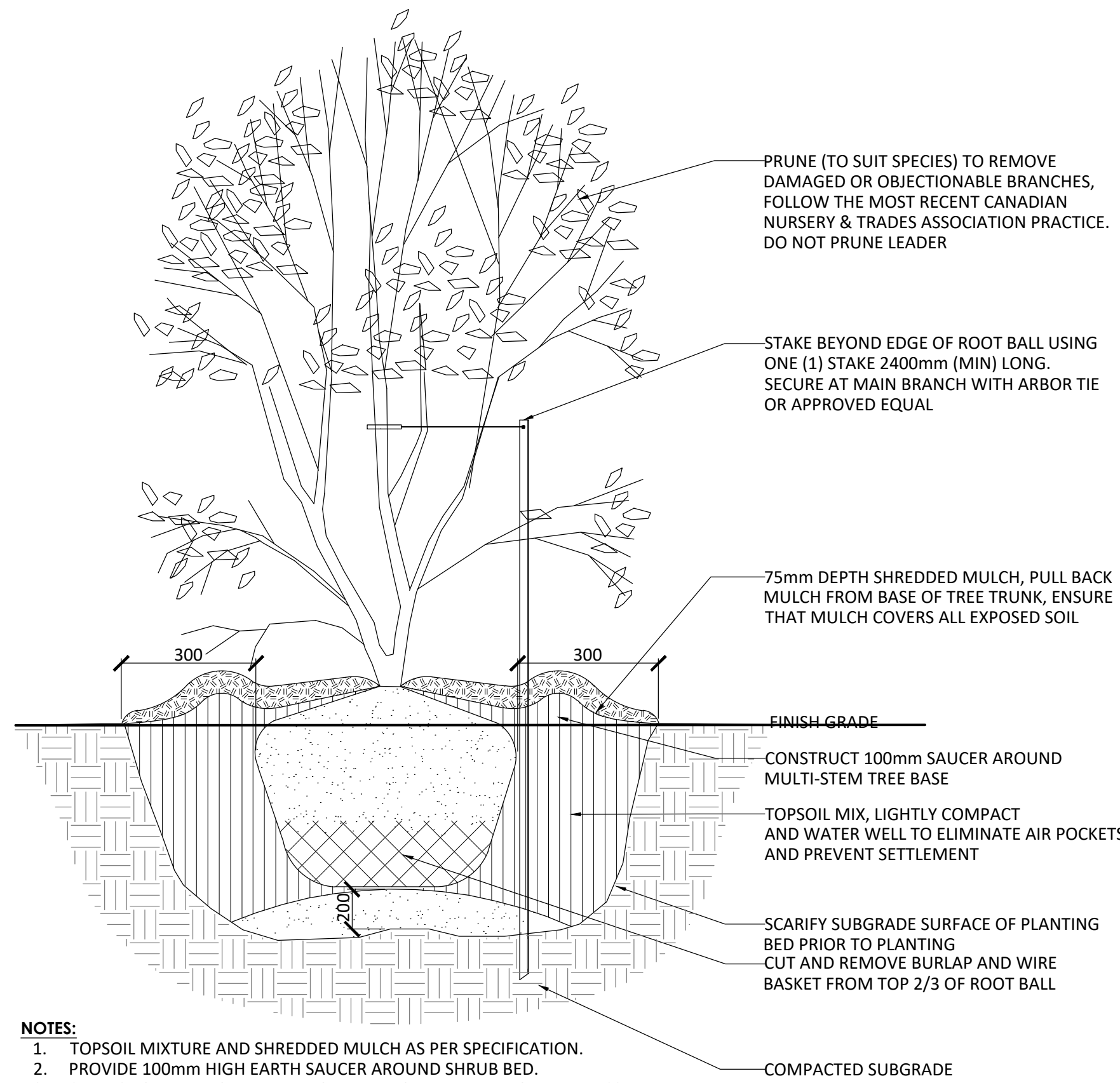
- NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
 2. SHRUBS SPECIFIED BARE ROOT (B.R.) TO BE PLANTED SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE.
 3. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED.
 4. STAKES TO BE REMOVED AFTER ONE YEAR OR UNTIL TAKEOVER UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

3 SHRUB BED PLANTING
1:25



- NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
 2. PROVIDE 100mm HIGH EARTH SAUCER AROUND PERENNIAL/GRASS BED.

4 PERENNIAL AND ORNAMENTAL GRASS PLANTING
1:25



- NOTES:
1. TOPSOIL MIXTURE AND SHREDDED MULCH AS PER SPECIFICATION.
 2. PROVIDE 100mm HIGH EARTH SAUCER AROUND SHRUB BED.
 3. STAKES TO BE REMOVED AFTER ONE YEAR OR UNTIL TAKEOVER UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT.

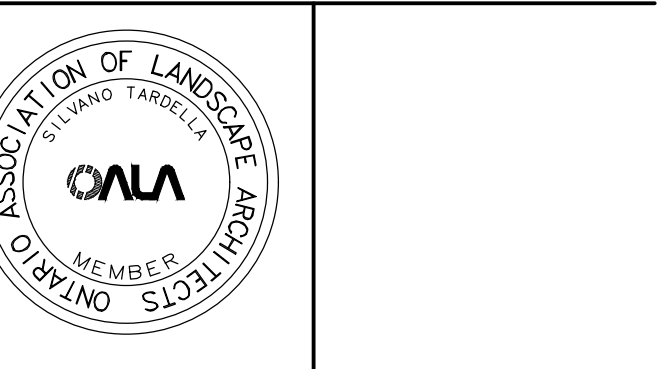
5 TREE FORM SHRUB PLANTING
1:25

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Revision		
City Approval Stamp		
OWNERSHIP	RICH CRAFT 2080 St. Laurent Blvd, Suite 201 Ottawa, ON K1G 4K1	
ARCHITECT	M. DAVID BLAKEY ARCHITECT INC. 2200 Prince of Wales Dr. - Suite 101 Ottawa, Ontario K2E 6Z9	
CIVIL	STANTEC CONSULTING LTD. 400-1333 Clyde Avenue, Ottawa ON	
LANDSCAPE ARCHITECT	NAK DESIGN STRATEGIES 1285 Wellington St., Ottawa, ON K1Y 3A8	

PROPERTY INFORMATION	LEGAL DESCRIPTION



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design strategies
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Project

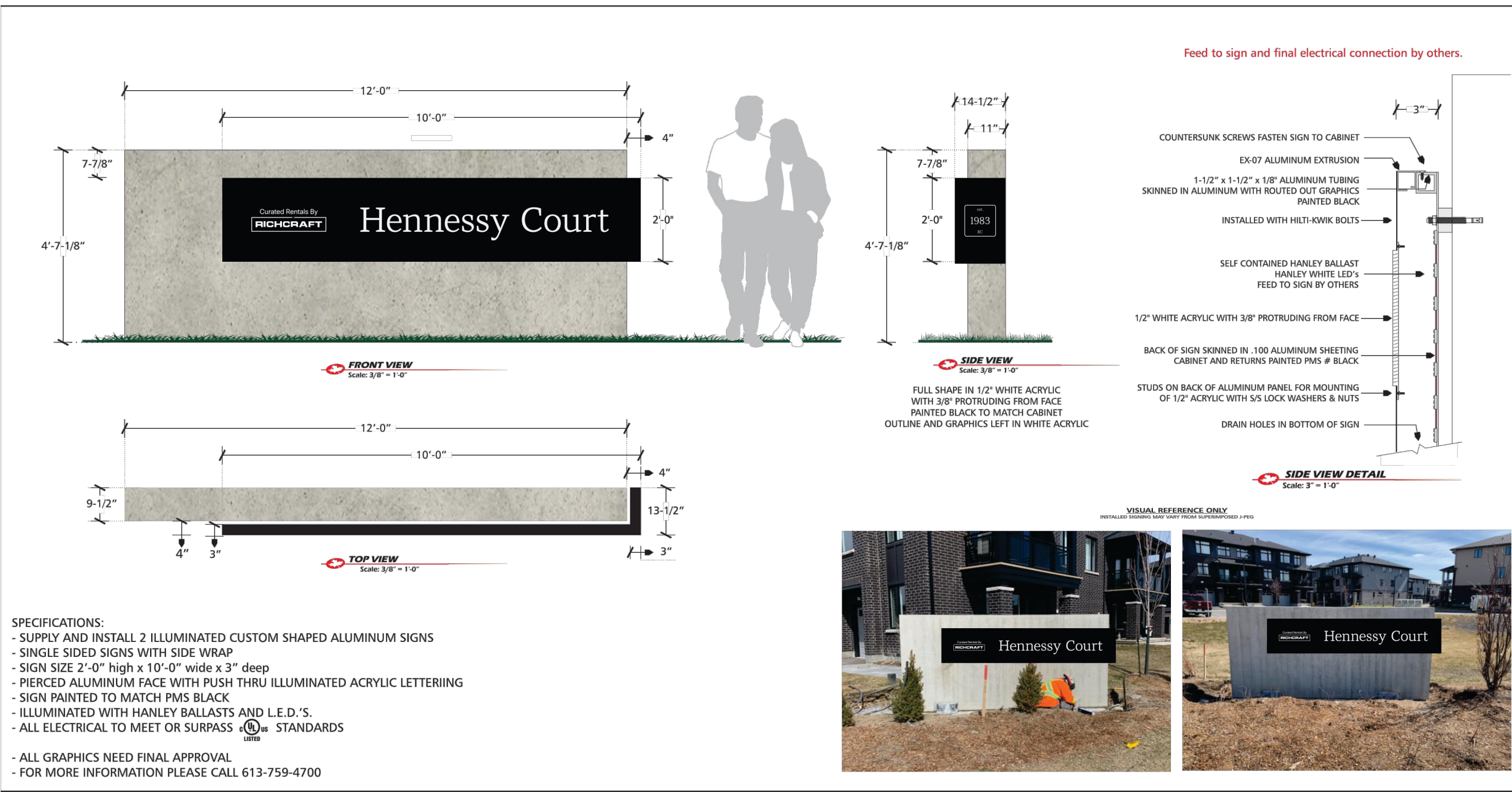
Kanata West Block 1
Ottawa, ON

Title

DETAILS

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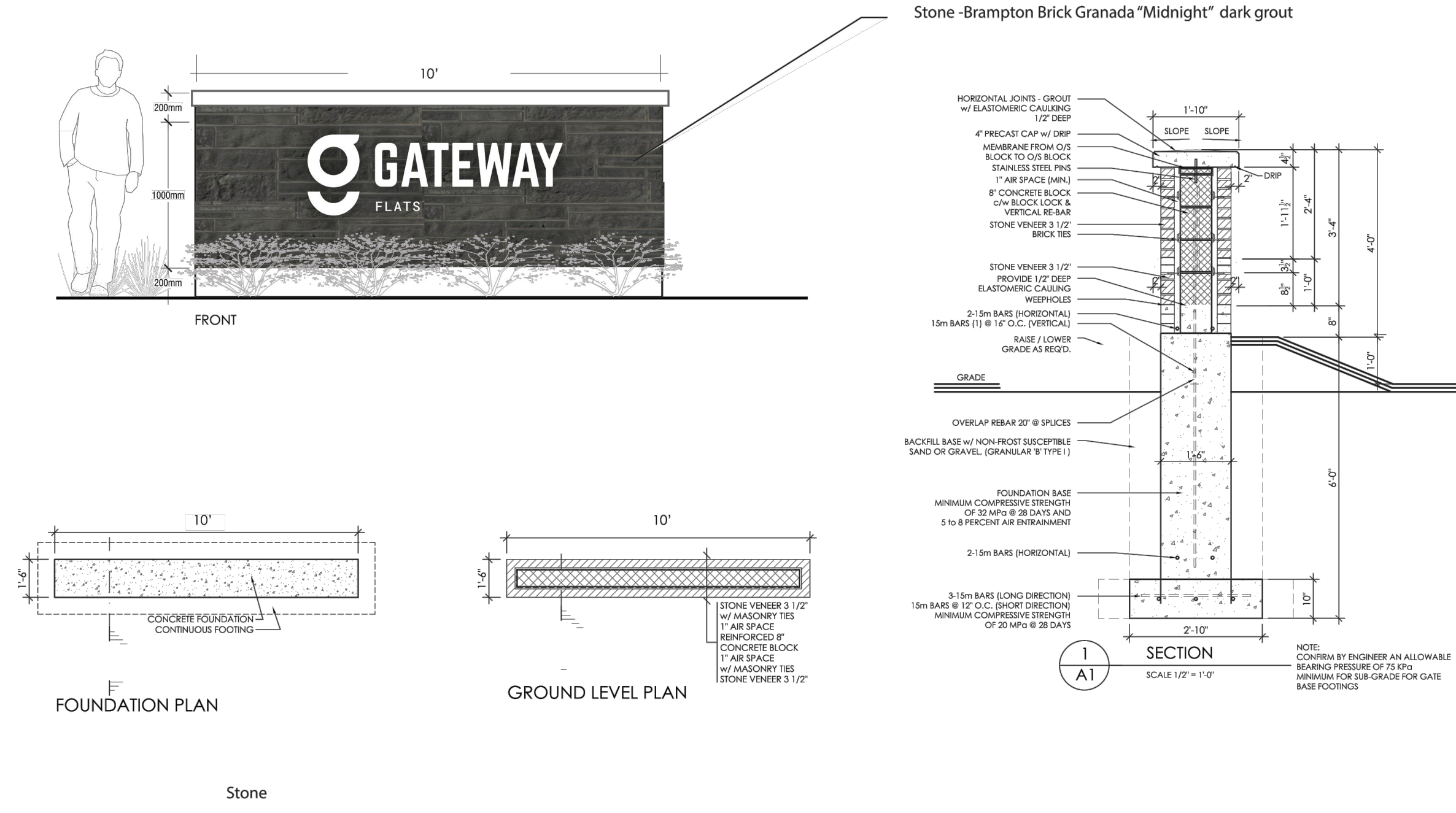
L 2.1



- SPECIFICATIONS:
- SUPPLY AND INSTALL 2 ILLUMINATED CUSTOM SHAPED ALUMINUM SIGNS
 - SINGLE SIDED SIGNS WITH SIDE WRAP
 - SIGN SIZE 2'-0" high x 10'-0" wide x 3" deep
 - PIERCED ALUMINUM FACE WITH PUSH THRU ILLUMINATED ACRYLIC LETTERING
 - SIGN PAINTED TO MATCH PMS BLACK
 - ILLUMINATED WITH HANLEY BALLASTS AND L.E.D.'S
 - ALL ELECTRICAL TO MEET OR SURPASS CUL standards
 - ALL GRAPHICS NEED FINAL APPROVAL
 - FOR MORE INFORMATION PLEASE CALL 613-759-4700

NOTE: FINAL NAME AND DETAILS TO BE CONFIRMED

1 ENTRANCE SIGNAGE - RENTAL SITE (SP1-b)
N.T.S.



NOTE: FINAL NAME AND DETAILS TO BE CONFIRMED

2 ENTRANCE SIGNAGE - CONDO SITE (SP1-a)
N.T.S.

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RICH CRAFT	
2385 St. Laurent Blvd, Suite 201	
Ottawa, ON K1G 4K1	
ARCHITECT	
M. DAVID BLAKEY ARCHITECT INC.	
2200 Prince of Wales Dr. - Suite 101	
Ottawa, Ontario K2E 6Z9	
CIVIL	
STANTEC CONSULTING LTD.	
400-1331 Clyde Avenue, Ottawa ON	
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